

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of the Claims

1. (Currently Amended) In a method of molding an elongated automotive part having a substantially "C" shaped transverse cross sectional configuration, a nadir defining a bottom extremity of said part, an apex defining a top portion of said part, a major surface extending between said nadir and said apex and having a showside surface and an opposing rear surface, the improvement comprising:

(a) providing a mold cavity defining a space congruent with said "C" shaped transverse cross section, said mold cavity extending along a longitudinal axis in a Z direction and having a horizontal direction Y and a vertical direction X, with X, Y, and Z being perpendicularly related to each other;

(b) providing a nadir cavity section, an apex cavity section and a major surface cavity section in said mold cavity with said major surface cavity section having a front showside portion and an opposed rear portion, said nadir cavity section, apex cavity section and major surface cavity section, together defining said "C" configuration;

(c) providing a substantially linear, sloped bottom wall in said nadir cavity section, said sloped bottom wall having a forward boundary defining a junction of said sloped bottom wall and said major surface cavity section, and a rearward boundary extending away from said forward boundary ~~in the Y direction and~~ at an angle of about 1° to about 20° relative to ~~a tangent line that touches said forward boundary, extends in~~ said Y direction ~~and is perpendicular to said X direction~~;

(d) injecting molten plastic into said mold cavity;

(e) allowing said molten plastic to cool to form said molded part; and

(f) ~~removing said molded part from said mold cavity~~[[.]] providing relative movement between said female member and said male member at an angle of about 1° to 20° relative to said Y direction, to separate said female mold member and said male mold member;

(g) removing said molded part from said mold cavity.

2. (Original) Method as recited in claim 1 wherein said angle is from about 1 to about 10°.
3. (Original) Method as recited in claim 1 wherein a paint film is placed in said mold cavity along said front showside surface of said major cavity and with one edge of said paint film extending into said nadir cavity section.
4. (Currently Amended) Method as recited in claim 3 wherein said mold cavity is defined by a three part mold structure, said mold cavity comprising a stationary male member, a moveable female member moveable in said Y direction and a slider section moveable in said X direction ~~and wherein said step (f) of removing said molded part from said mold cavity includes moving said female member away from said male member along said Y direction at an angle of about 1° to 20° relative to a line extending that extends in said Y direction and is also parallel to said tangent line so that said edge of said paint film located in said nadir cavity section is not scraped or pinched upon said movement of said female mold member away from said male mold.~~
5. (Currently Amended) Method as recited in claim 4 wherein said step (f) of removal of said molded part from said mold cavity includes moving said slider section along said X direction away from said male mold member at an acute angle relative to said longitudinal axis Z Y direction.
6. (Original) Method as recited in claim 5 further comprising providing a sprue in said male mold member in communication with said mold cavity and said step (d) comprises injecting molten plastic through said sprue and into said mold cavity.

7. (Original) Method as recited in claim 6 wherein said elongated automotive part is a side sill garnish.

Claims 8-16. (Canceled)